OIPE JC156
APR 07 2005
PATENT & TRADEMARK OFFICE

FIG. 1

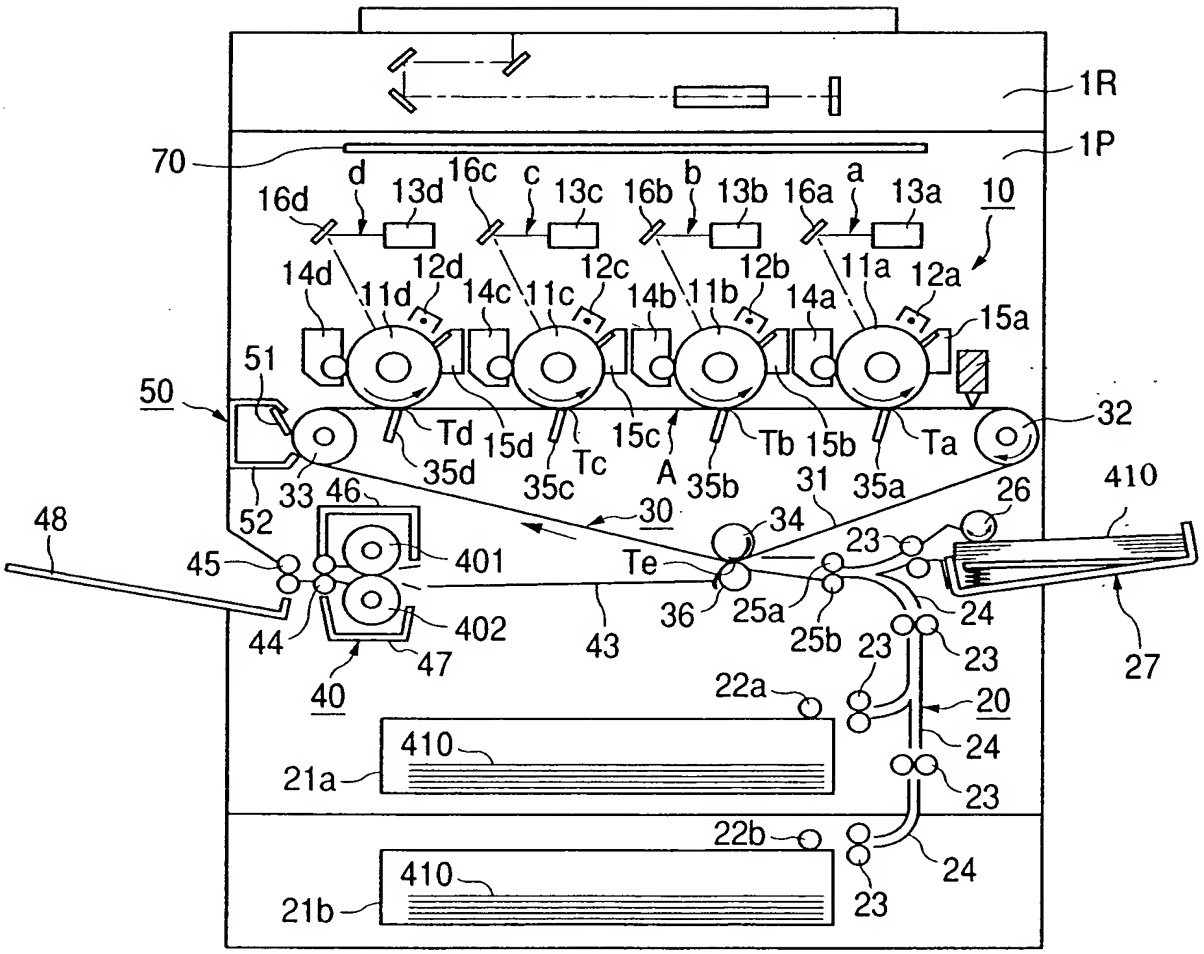


FIG. 5

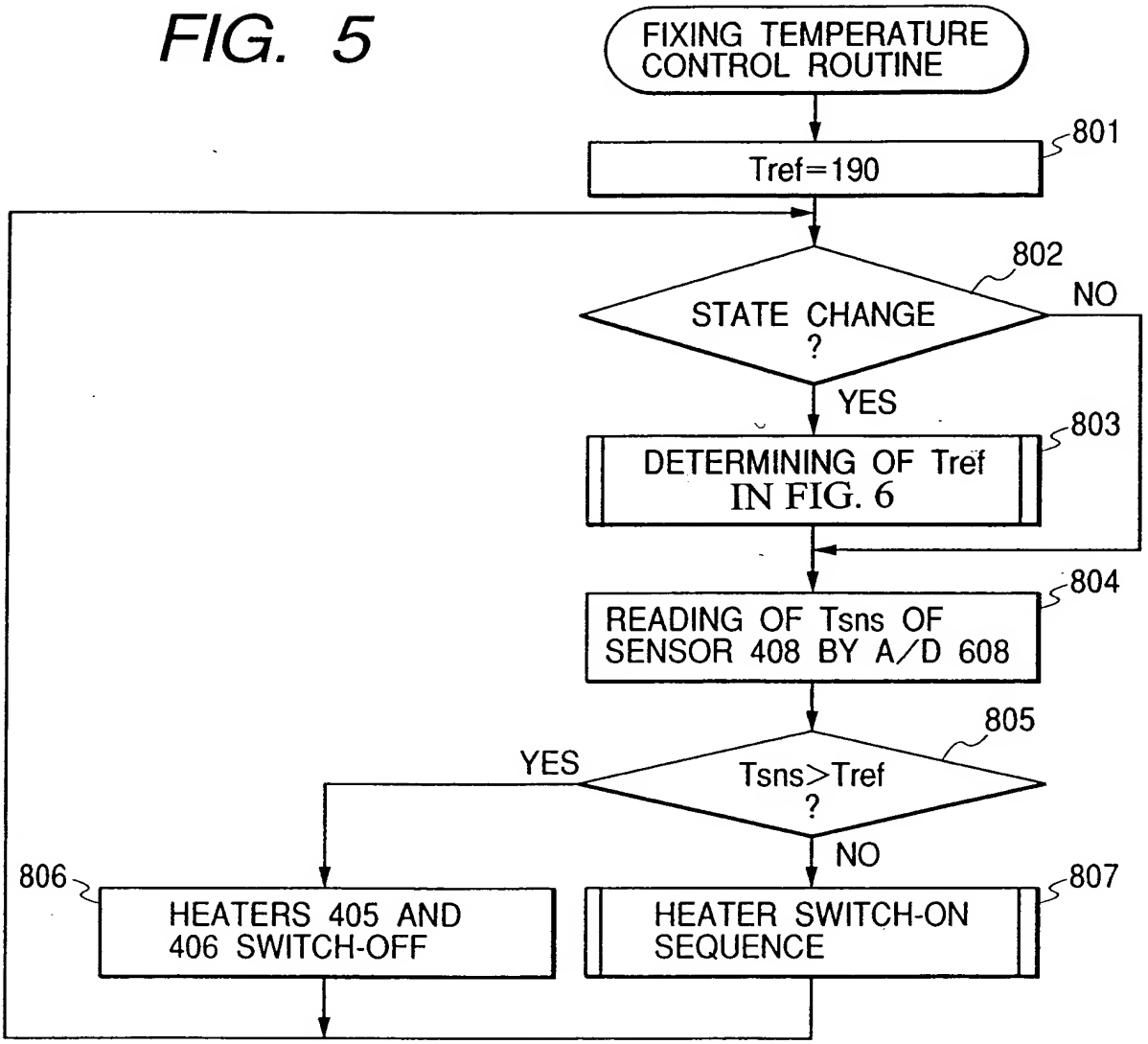


FIG. 6

901	WARMUP STATE	190
902	PRINT START STATE	193
903	PRINT FINISH STATE	190
904	EMERGENCY STOP STATE	0

FIG. 7

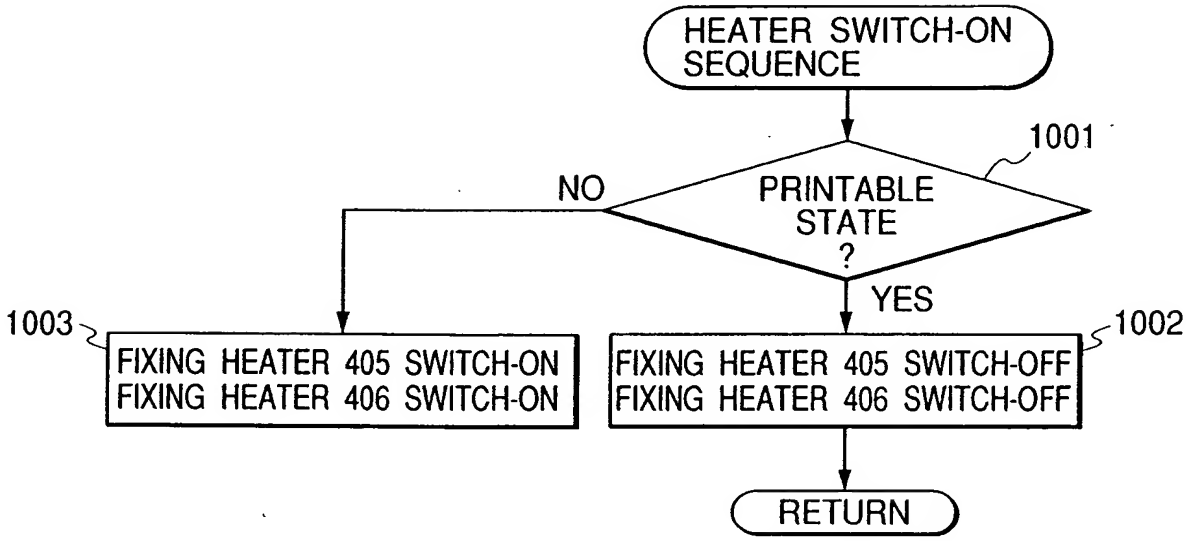

HEATER SWITCH-ON SEQUENCE
1001
PRINTABLE STATE ?
NO
YES
1003
FIXING HEATER 405 SWITCH-ON
FIXING HEATER 406 SWITCH-ON
1002
FIXING HEATER 405 SWITCH-OFF
FIXING HEATER 406 SWITCH-OFF
RETURN

FIG. 8

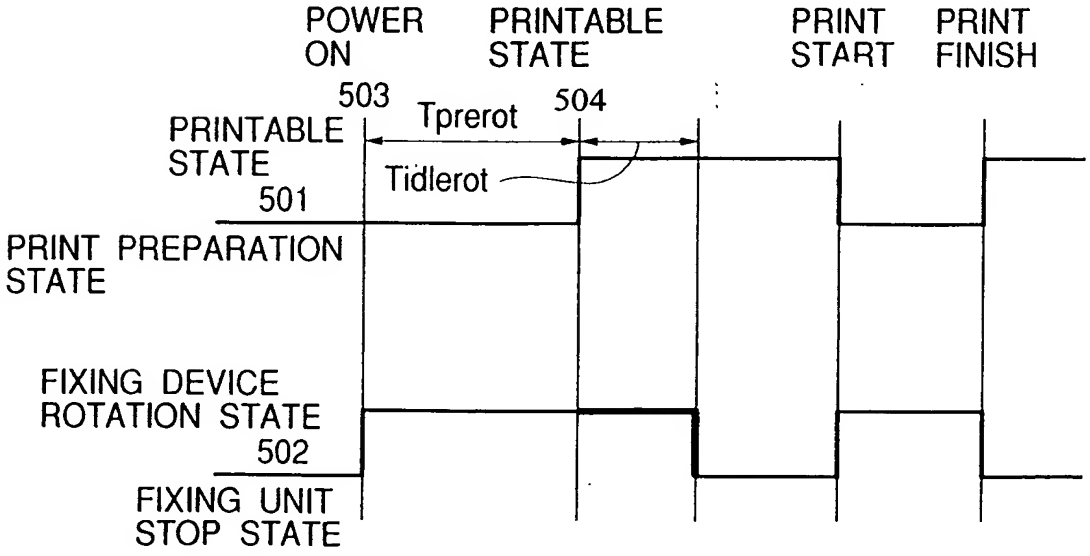

POWER ON
PRINTABLE STATE
PRINT START
PRINT FINISH
503
504
Tprerot
Tidlerot
PRINTABLE STATE
501
PRINT PREPARATION STATE
FIXING DEVICE ROTATION STATE
502
FIXING UNIT STOP STATE

FIG. 9

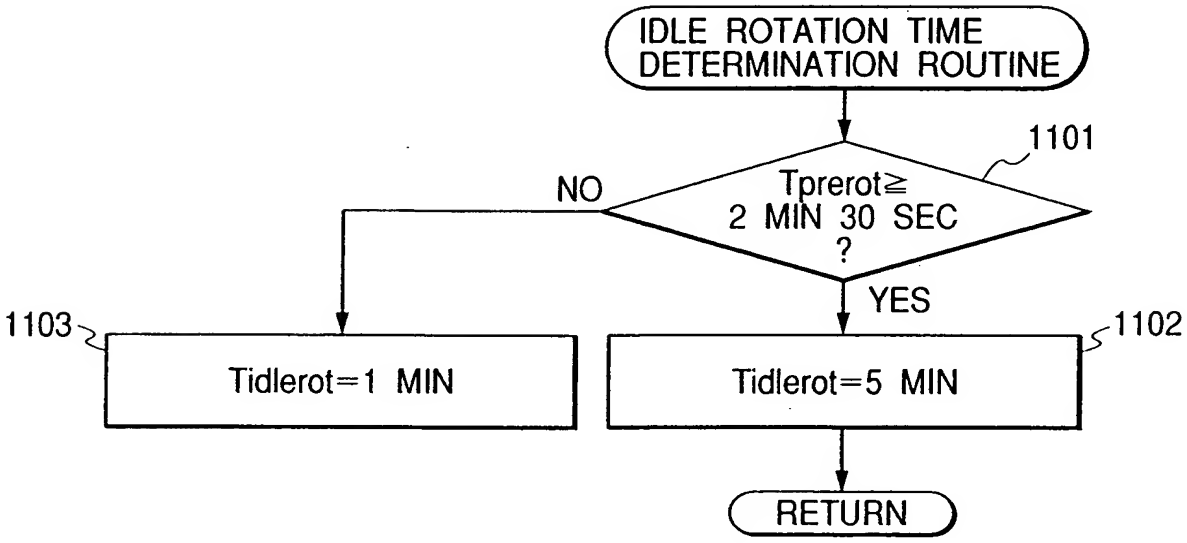

IDLE ROTATION TIME DETERMINATION ROUTINE
1101
Tprerot≧ 2 MIN 30 SEC ?
NO
YES
1103
Tidlerot=1 MIN
1102
Tidlerot=5 MIN
RETURN

FIG. 10

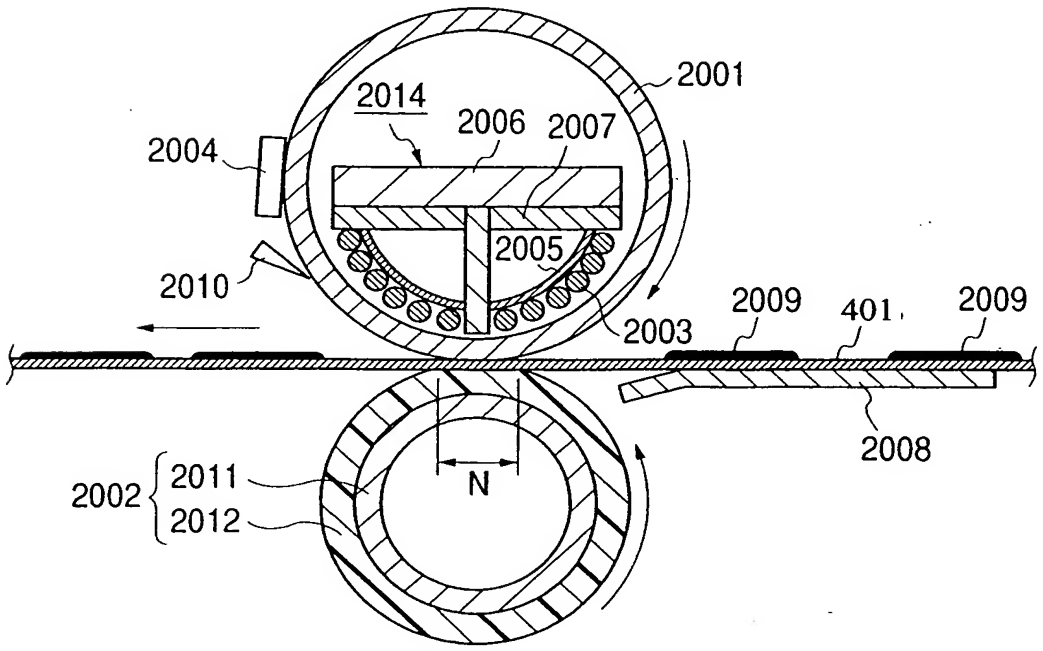

2001
2014
2006
2007
2004
2005
2010
2003
2009
401
2009
2008
2002
2011
2012
N

FIG. 11

PRIOR ART

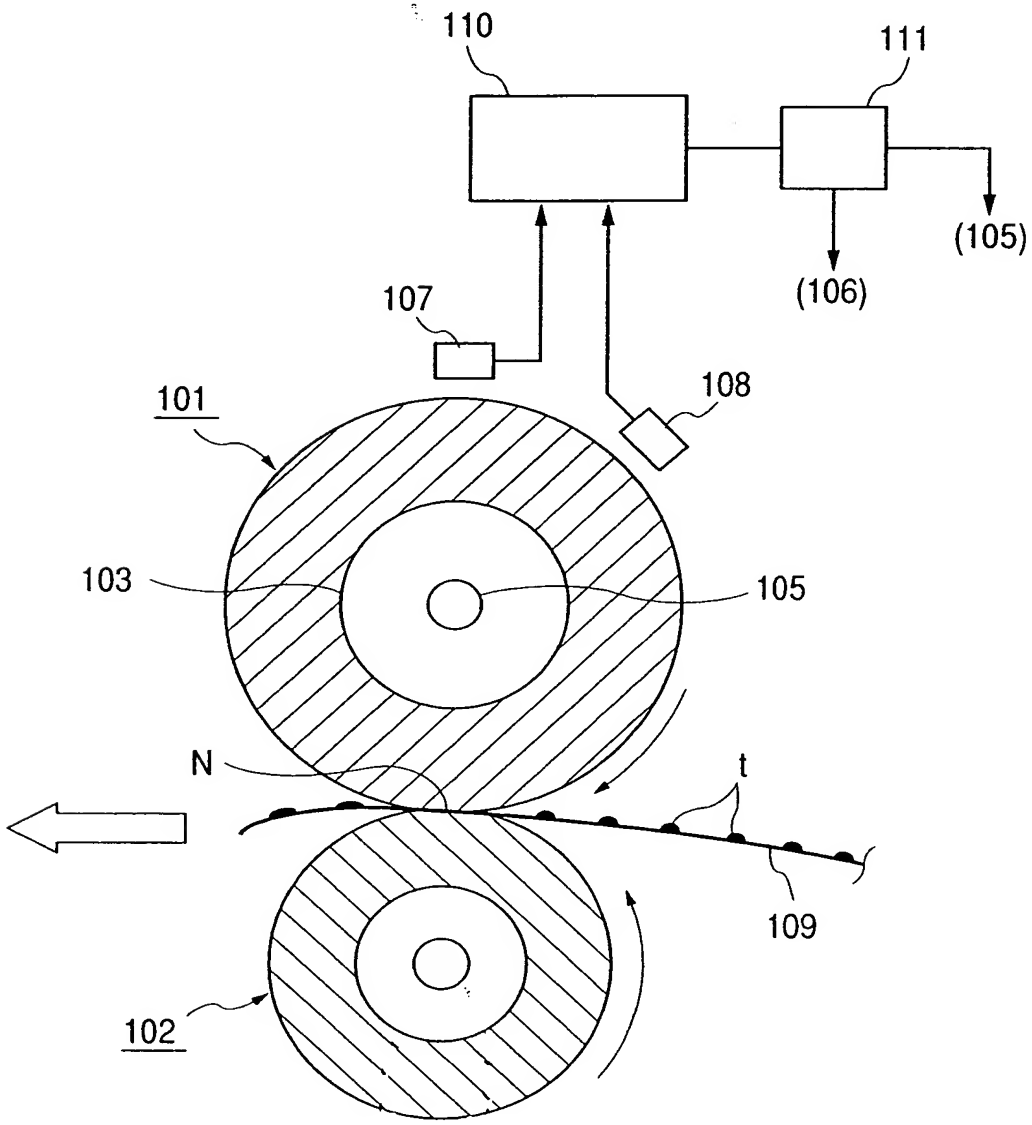
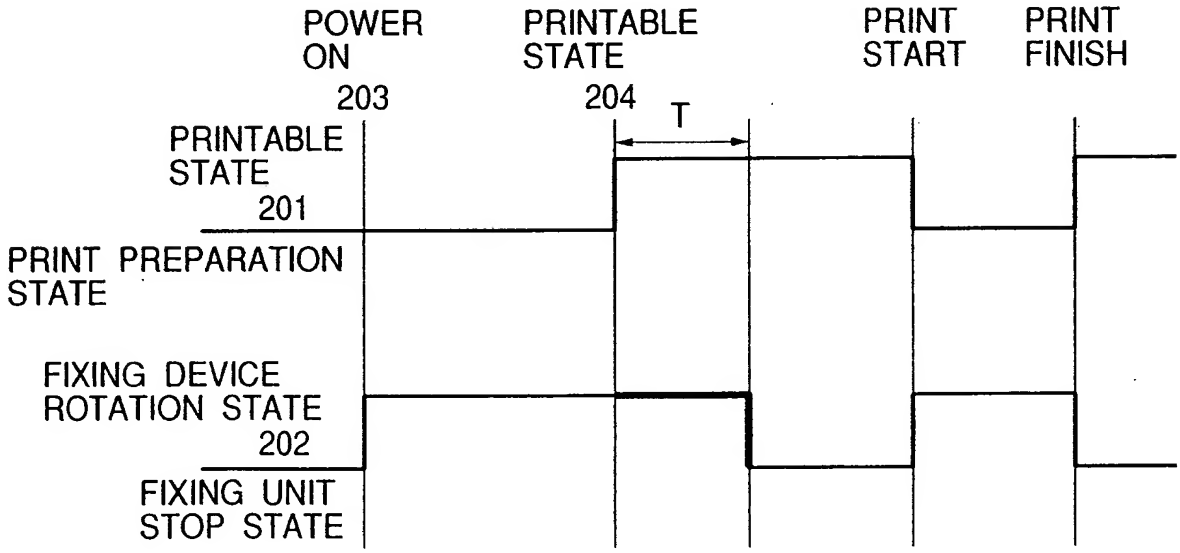


FIG. 12

PRIOR ART